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OCT 16 2006
PATENT & TRADEMARK OFFICE

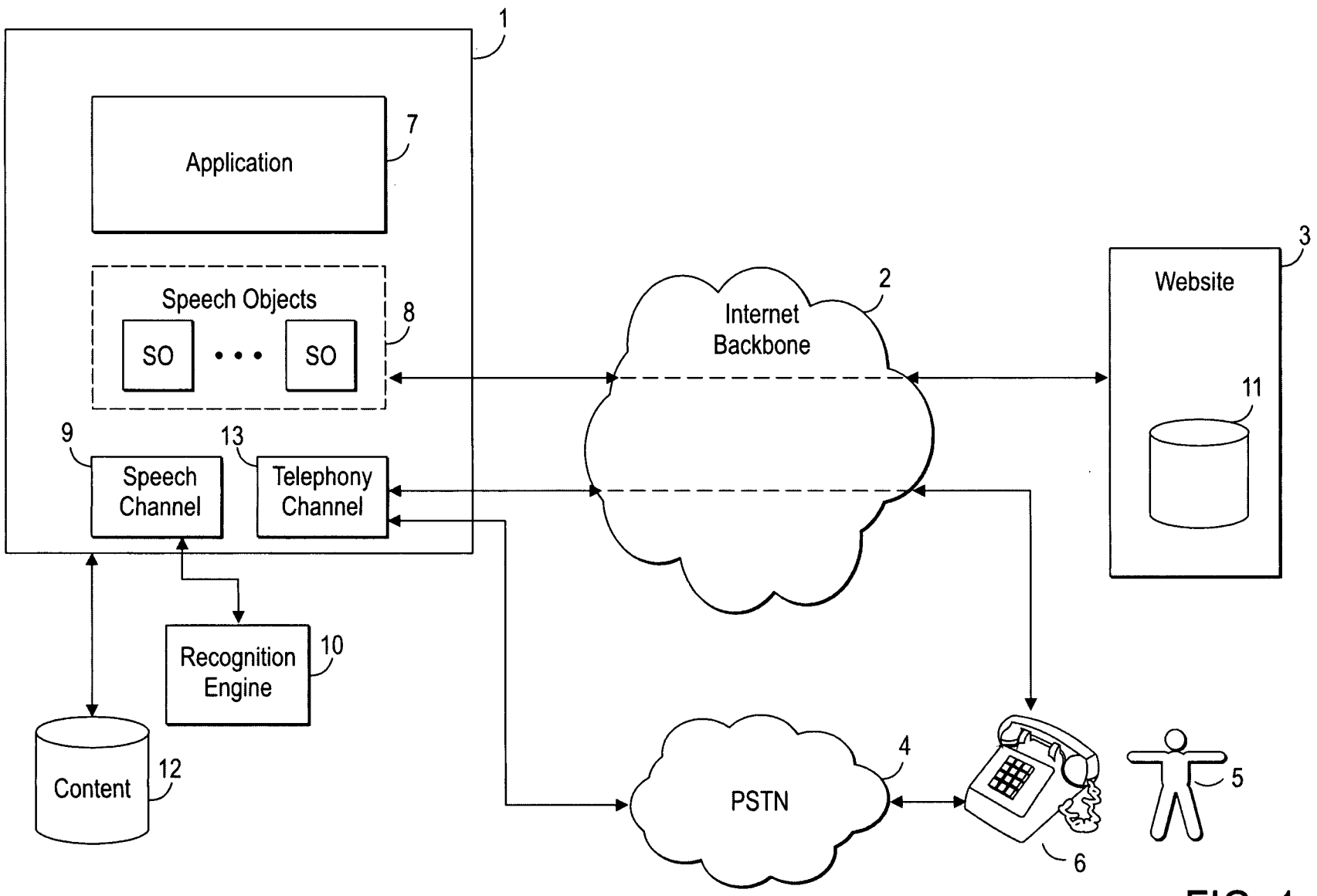

FIG. 1

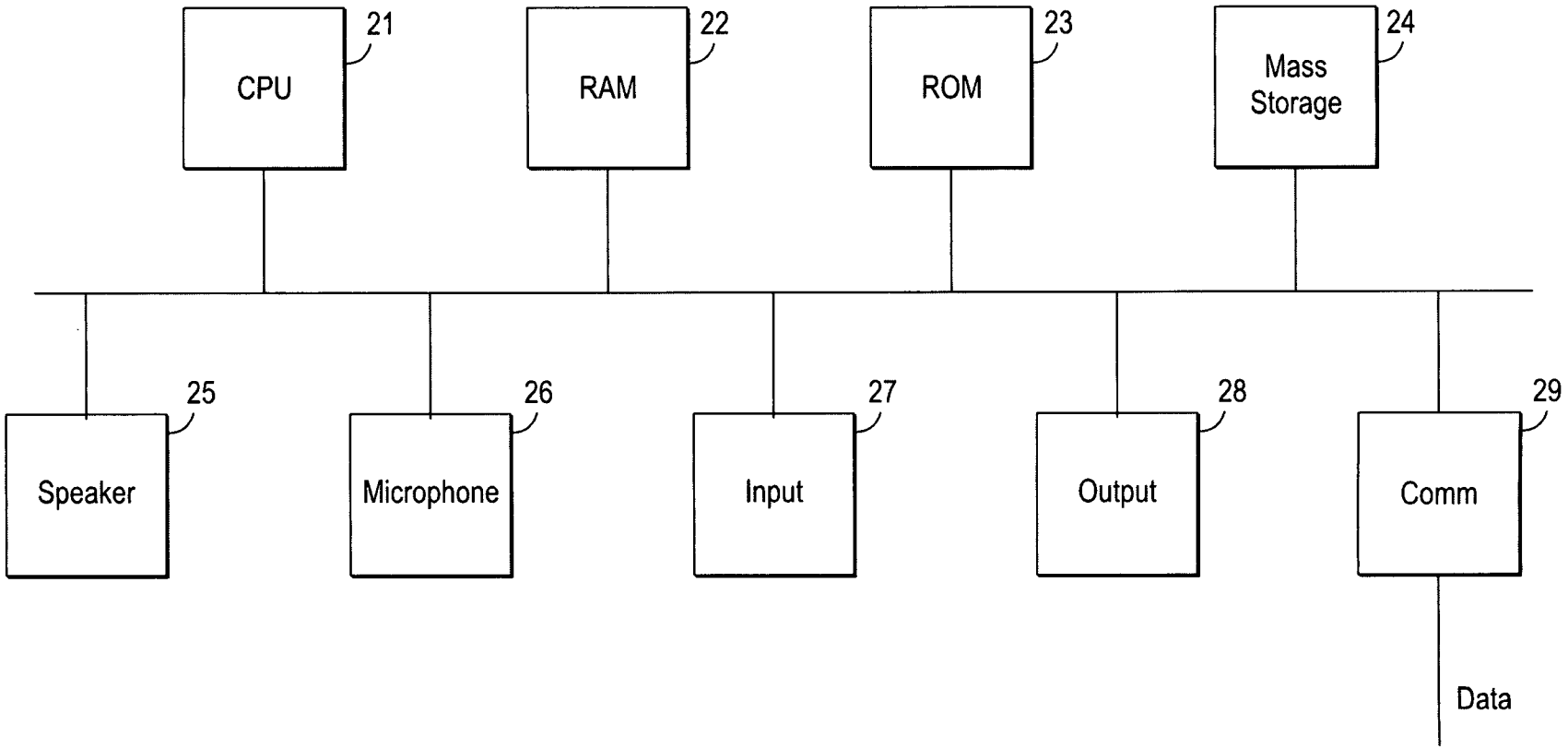
CPU
21
RAM
22
ROM
23
Mass Storage
24
Speaker
25
Microphone
26
Input
27
Output
28
Comm
29
Data

FIG. 2

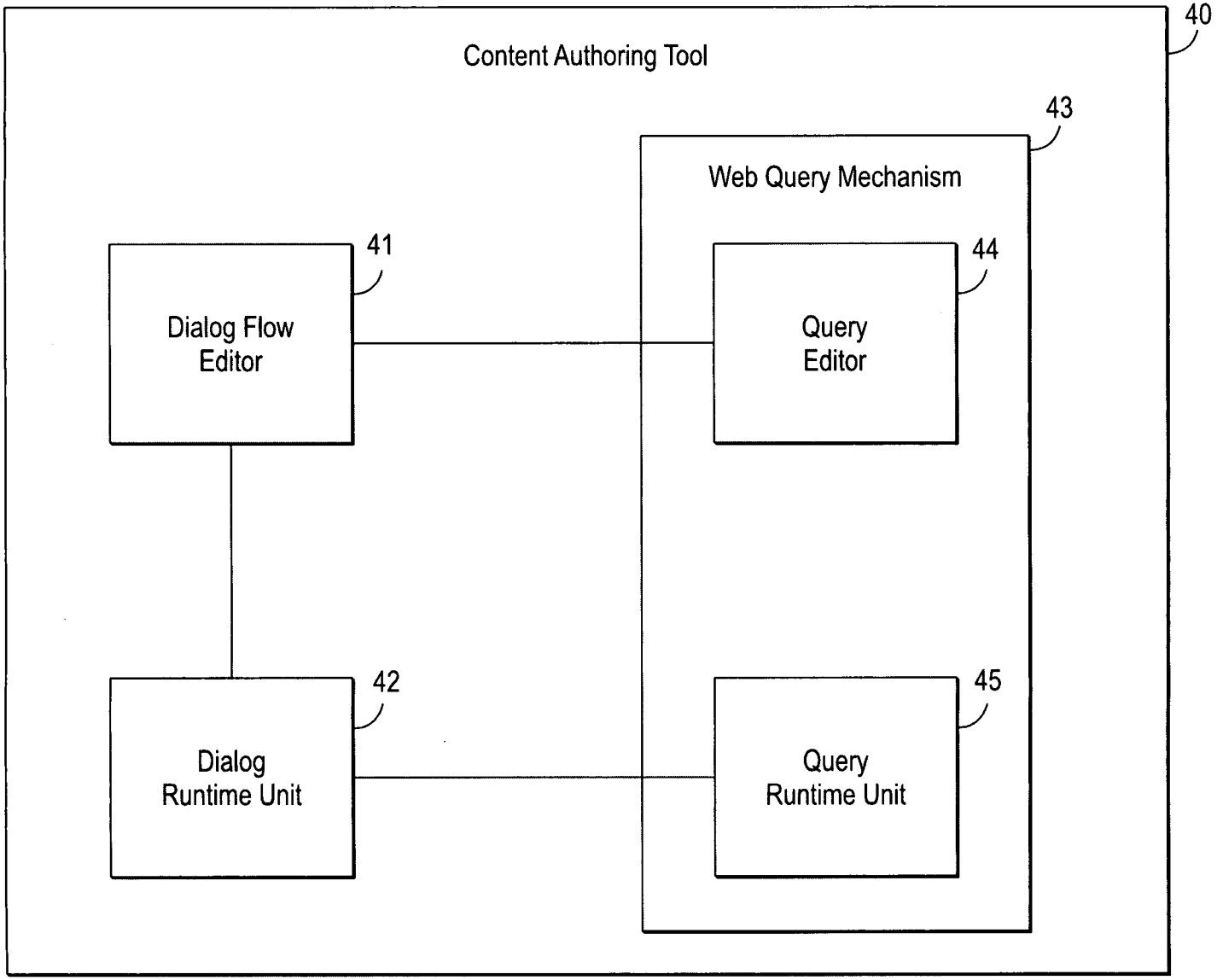
Content Authoring Tool
40
Web Query Mechanism
43
Dialog Flow Editor
41
Query Editor
44
Dialog Runtime Unit
42
Query Runtime Unit
45

FIG. 3

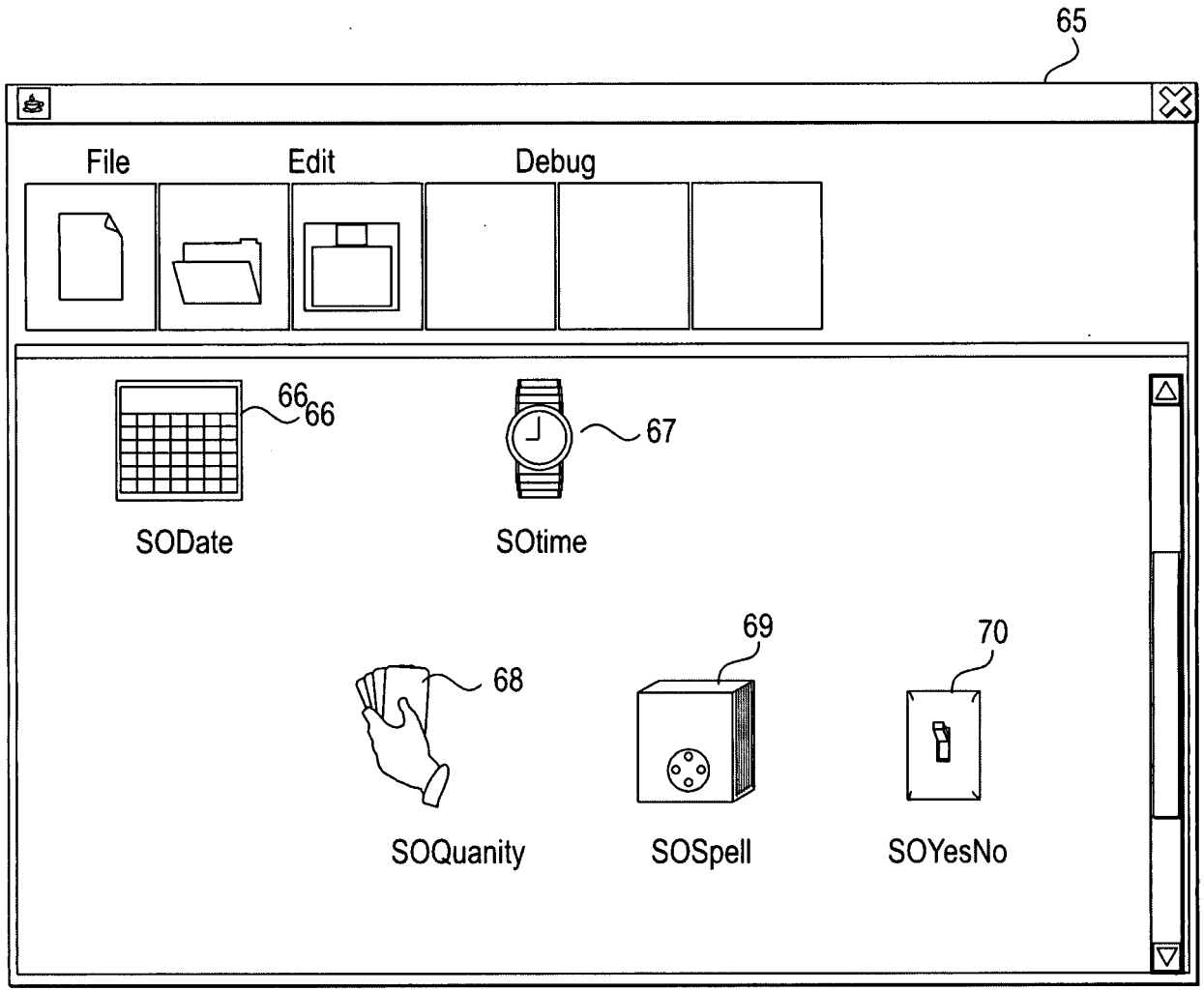
65
File
Edit
Debug
66
66
67
SODate
SOtime
68
69
70
SOQuanity
SOSpell
SOYesNo

FIG. 4

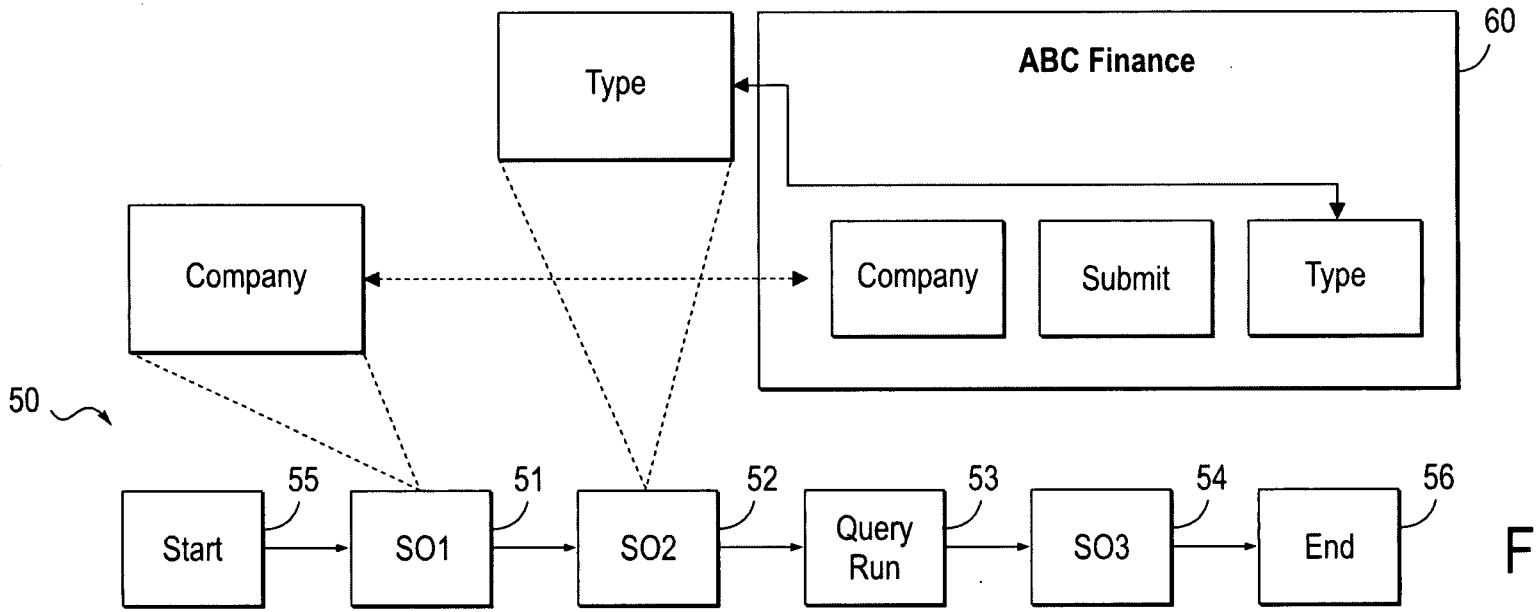
Type
ABC Finance
60
Company
Company
Submit
Type
50
55
51
52
53
54
56
Start
SO1
SO2
Query Run
SO3
End

FIG. 5A

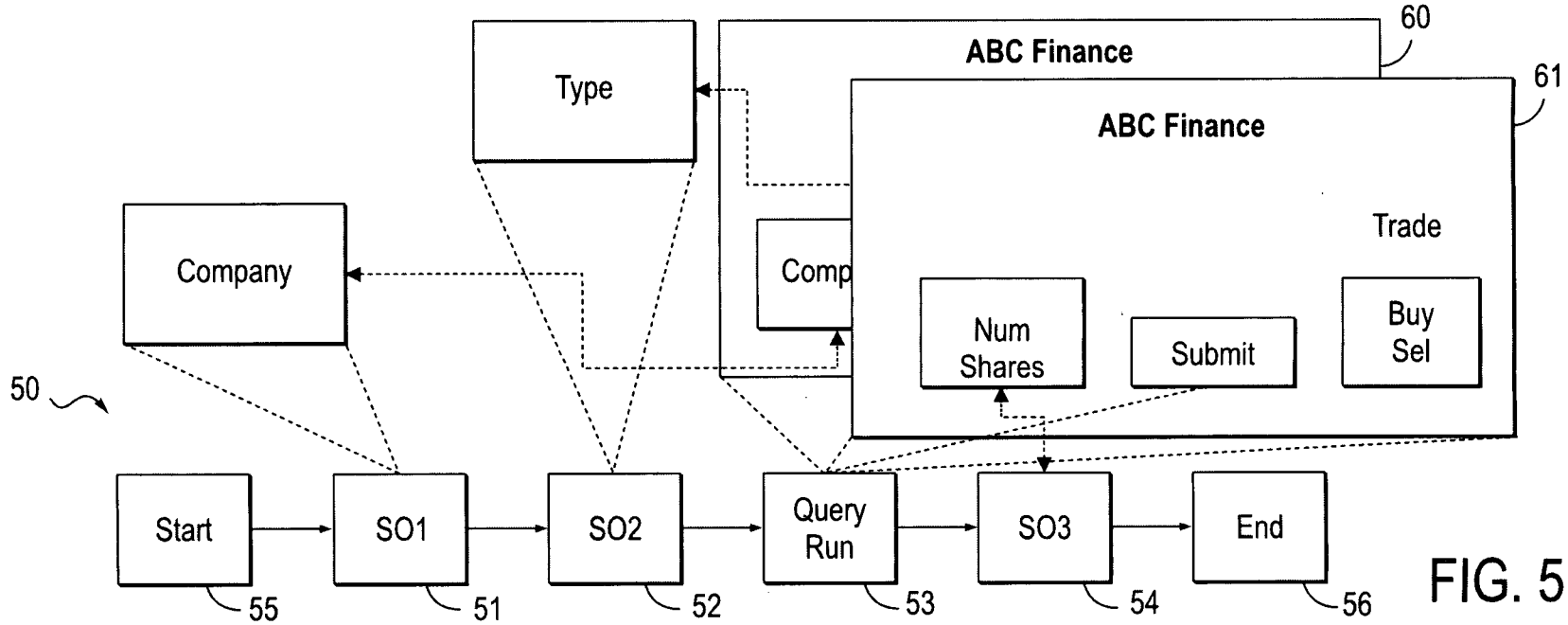
Type
ABC Finance
60
ABC Finance
61
Trade
Company
Comp
Num Shares
Submit
Buy Sel
50
Start
SO1
SO2
Query Run
SO3
End
55
51
52
53
54
56

FIG. 5B

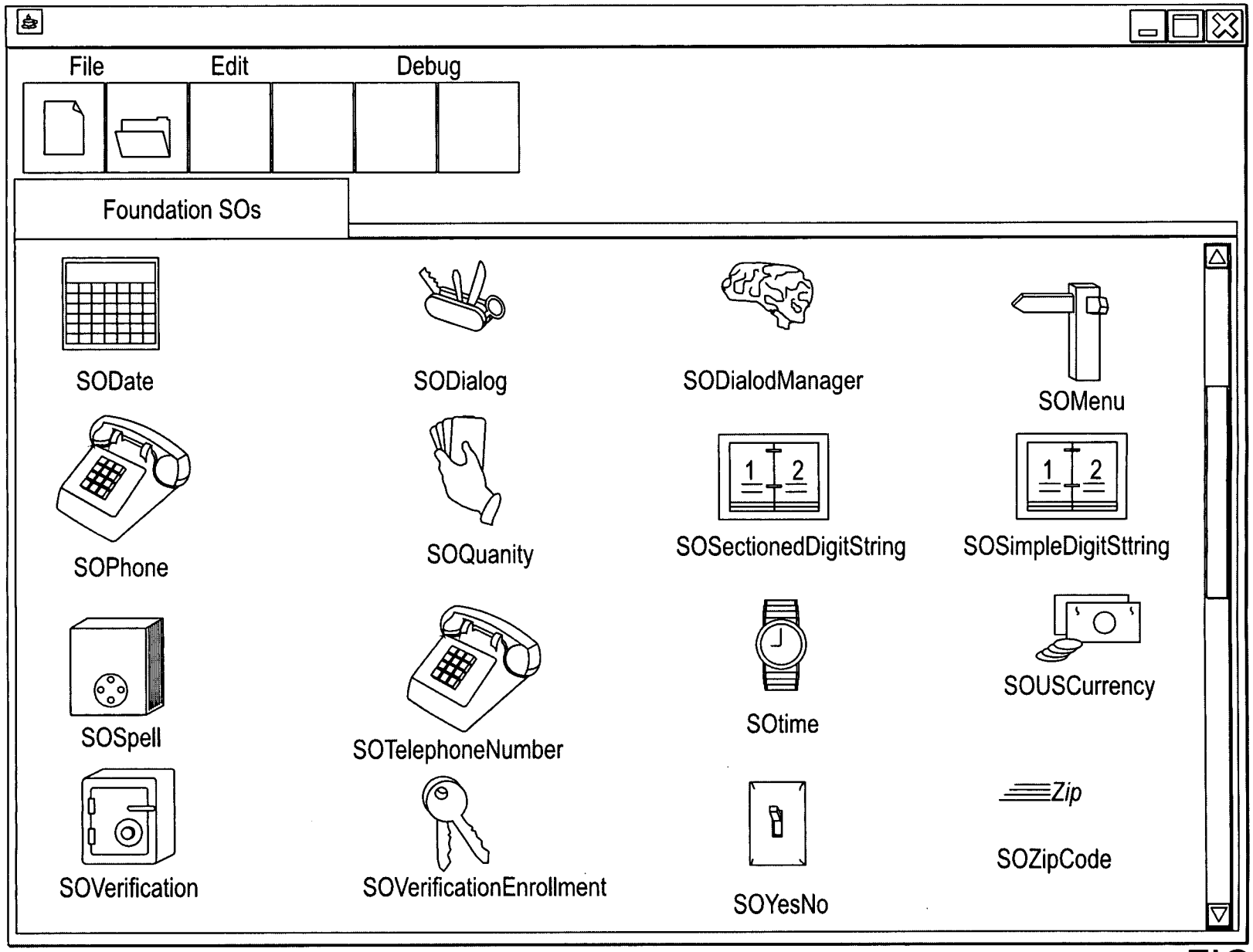
File
Edit
Debug
Foundation SOs
SODate
SODialog
SODialodManager
SOMenu
SOPhone
SOQuanity
SOSectionedDigitString
SOSimpleDigitSttring
SOSpell
SOTelephoneNumber
SOtime
SOUSCurrency
SOVerification
SOVerificationEnrollment
SOYesNo
Zip
SOZipCode

FIG. 6

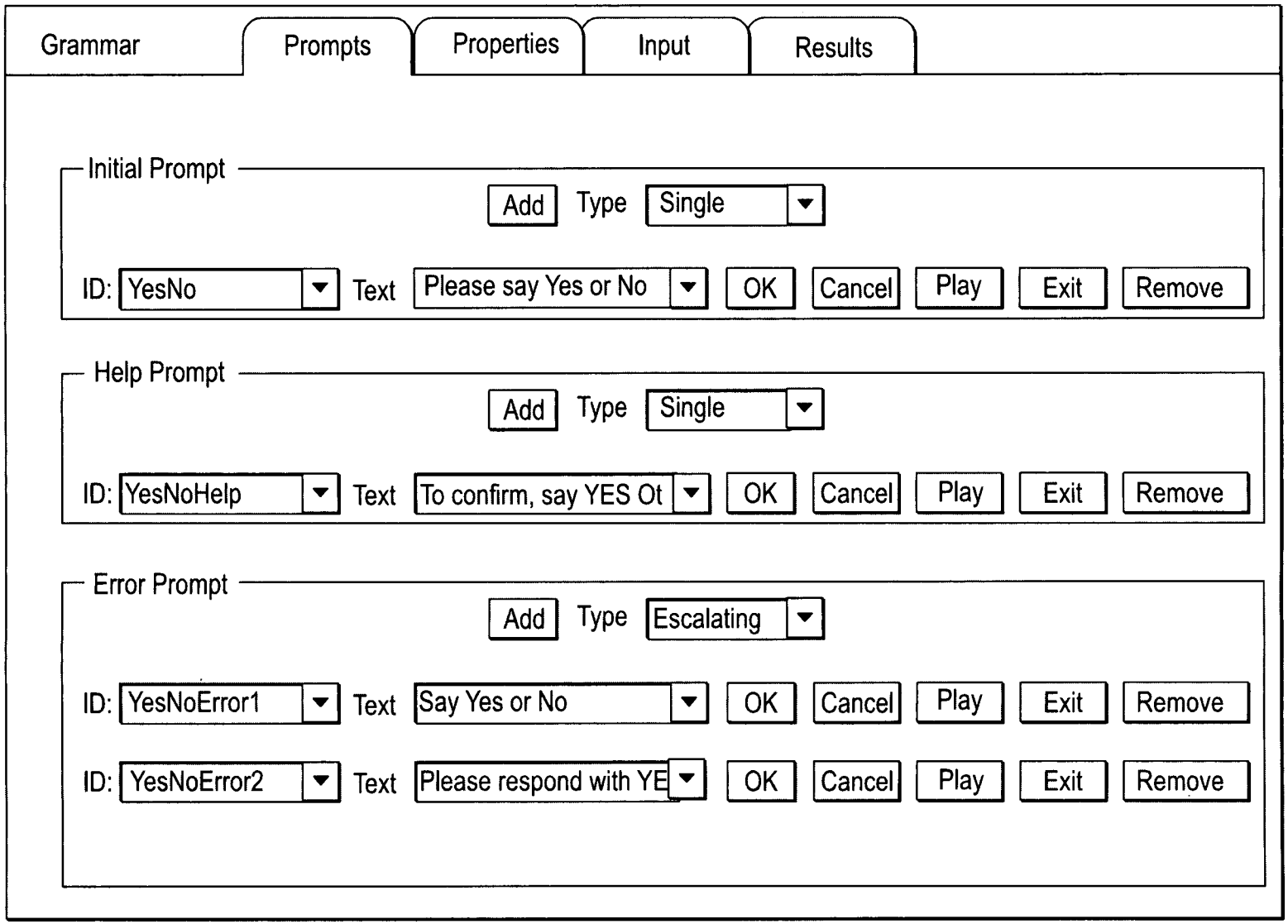
Grammar
Prompts
Properties
Input
Results
Initial Prompt
Add
Type
Single
ID:
YesNo
Text
Please say Yes or No
OK
Cancel
Play
Exit
Remove
Help Prompt
Add
Type
Single
ID:
YesNoHelp
Text
To confirm, say YES Ot
OK
Cancel
Play
Exit
Remove
Error Prompt
Add
Type
Escalating
ID:
YesNoError1
Text
Say Yes or No
OK
Cancel
Play
Exit
Remove
ID:
YesNoError2
Text
Please respond with YE
OK
Cancel
Play
Exit
Remove

FIG. 7

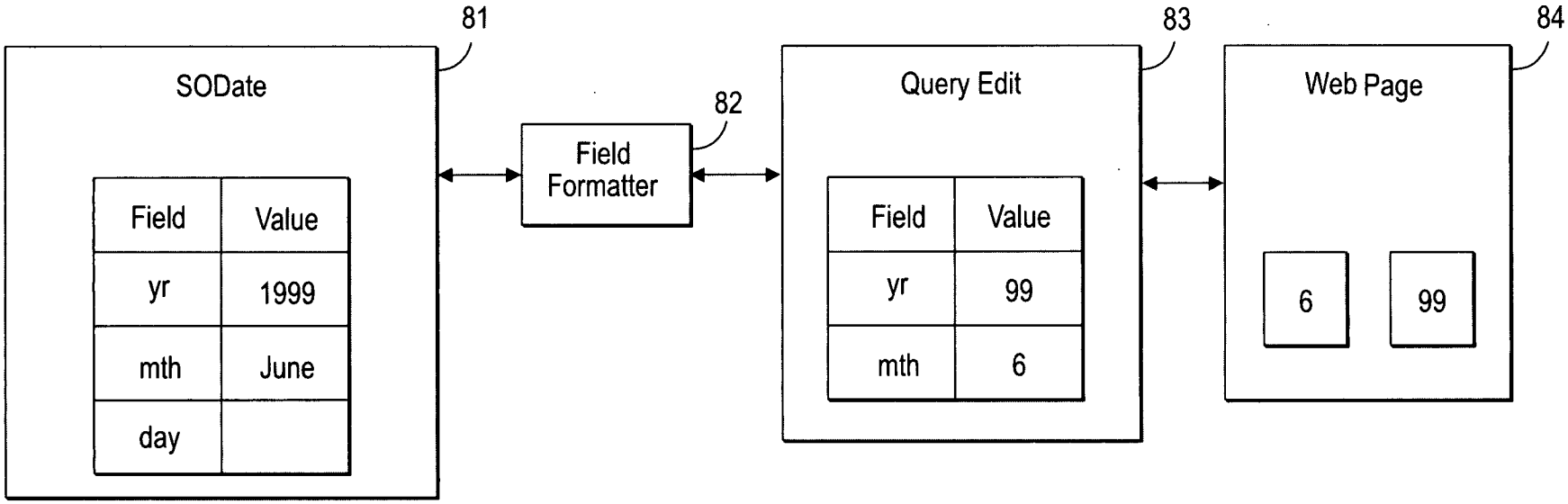
81
SODate
Field
Value
yr
1999
mth
June
day
82
Field Formatter
83
Query Edit
Field
Value
yr
99
mth
6
84
Web Page
6
99

FIG. 8

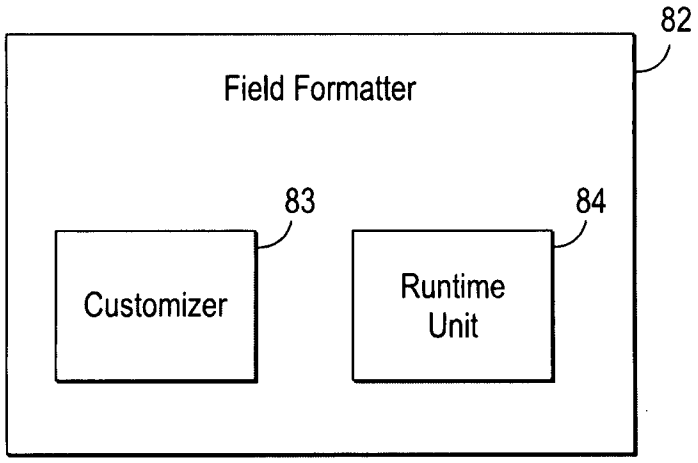
82
Field Formatter
83
Customizer
84
Runtime Unit

FIG. 9

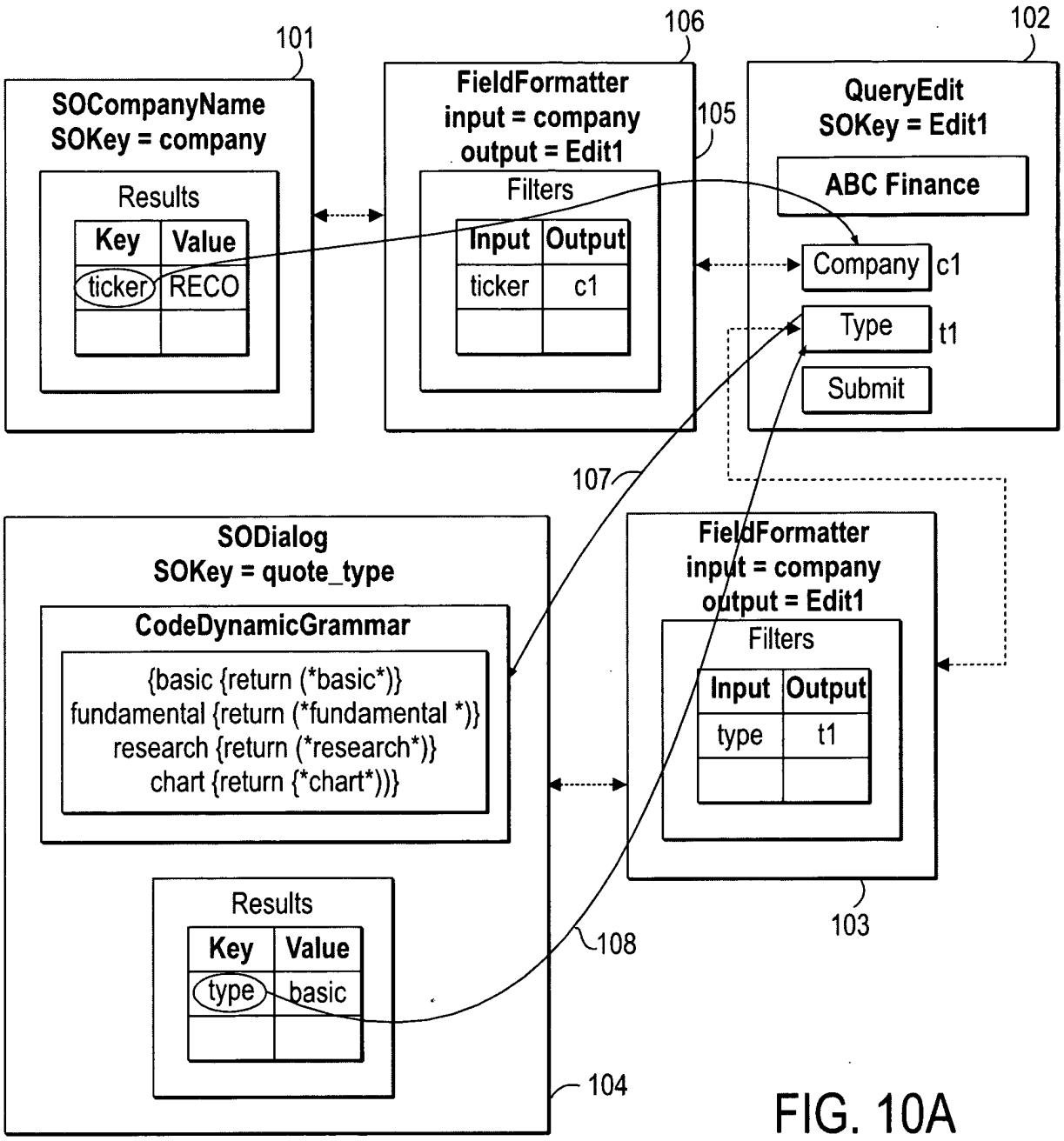

FIG. 10A

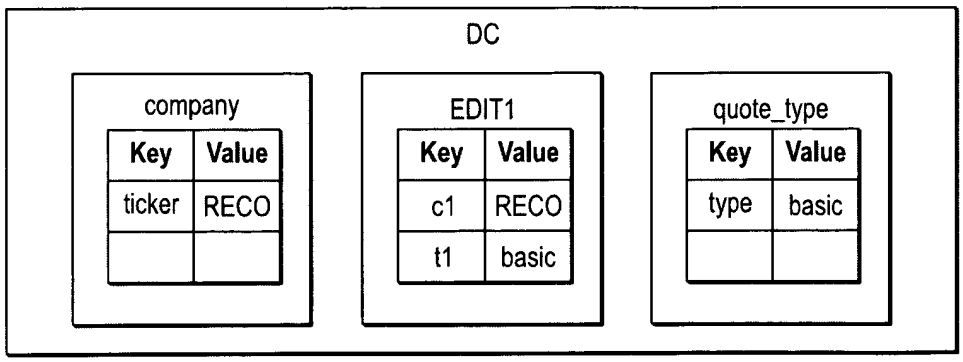

FIG. 10B

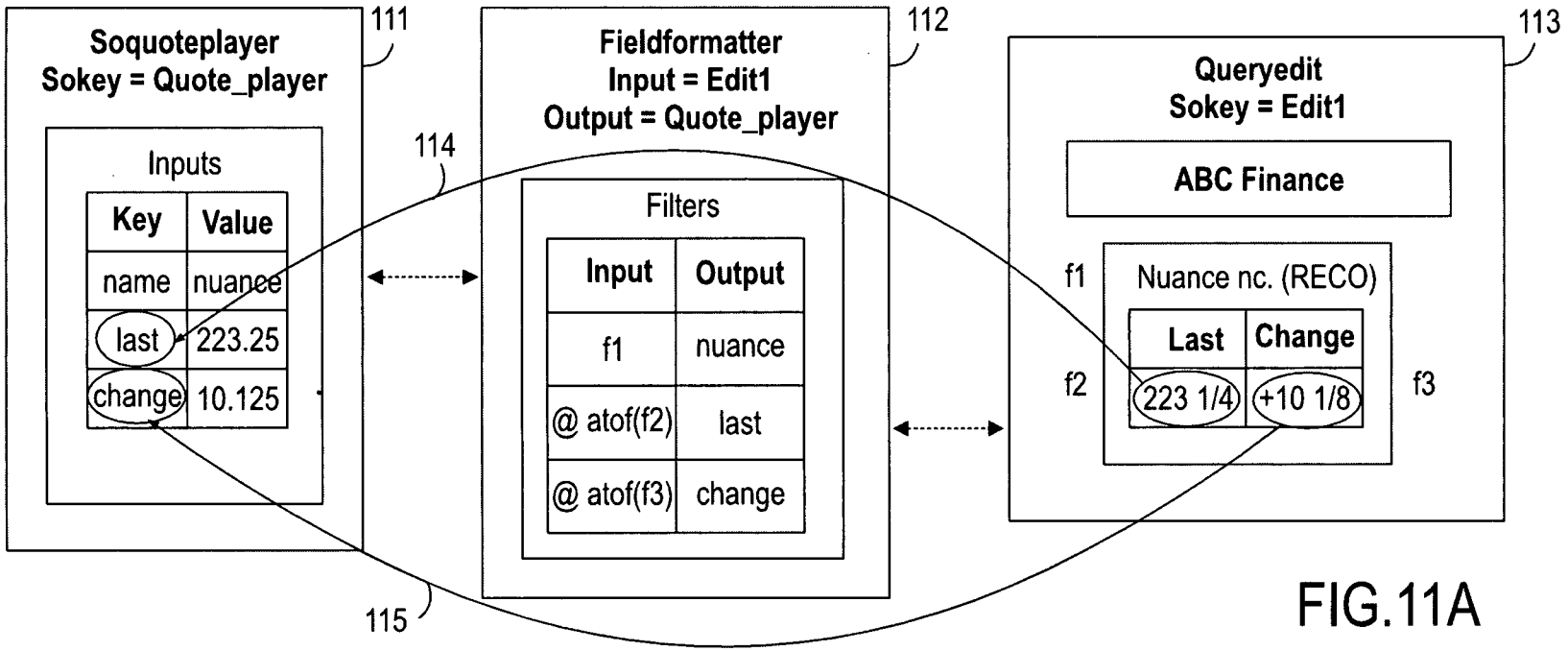

FIG.11A

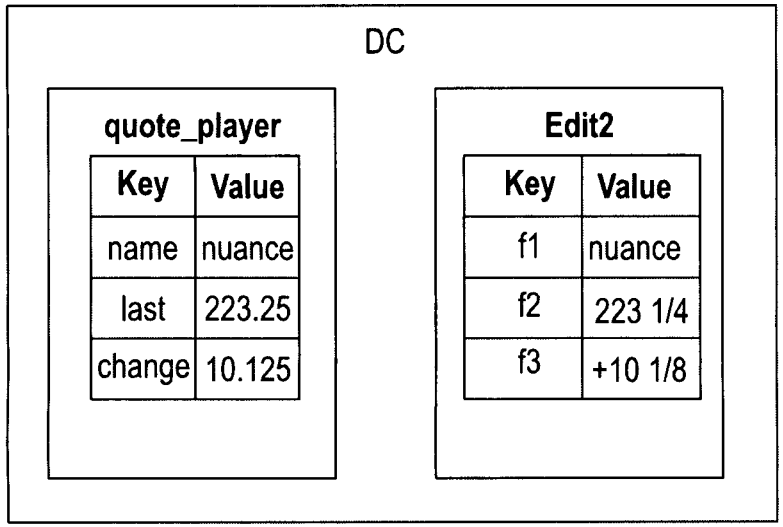

FIG.11B

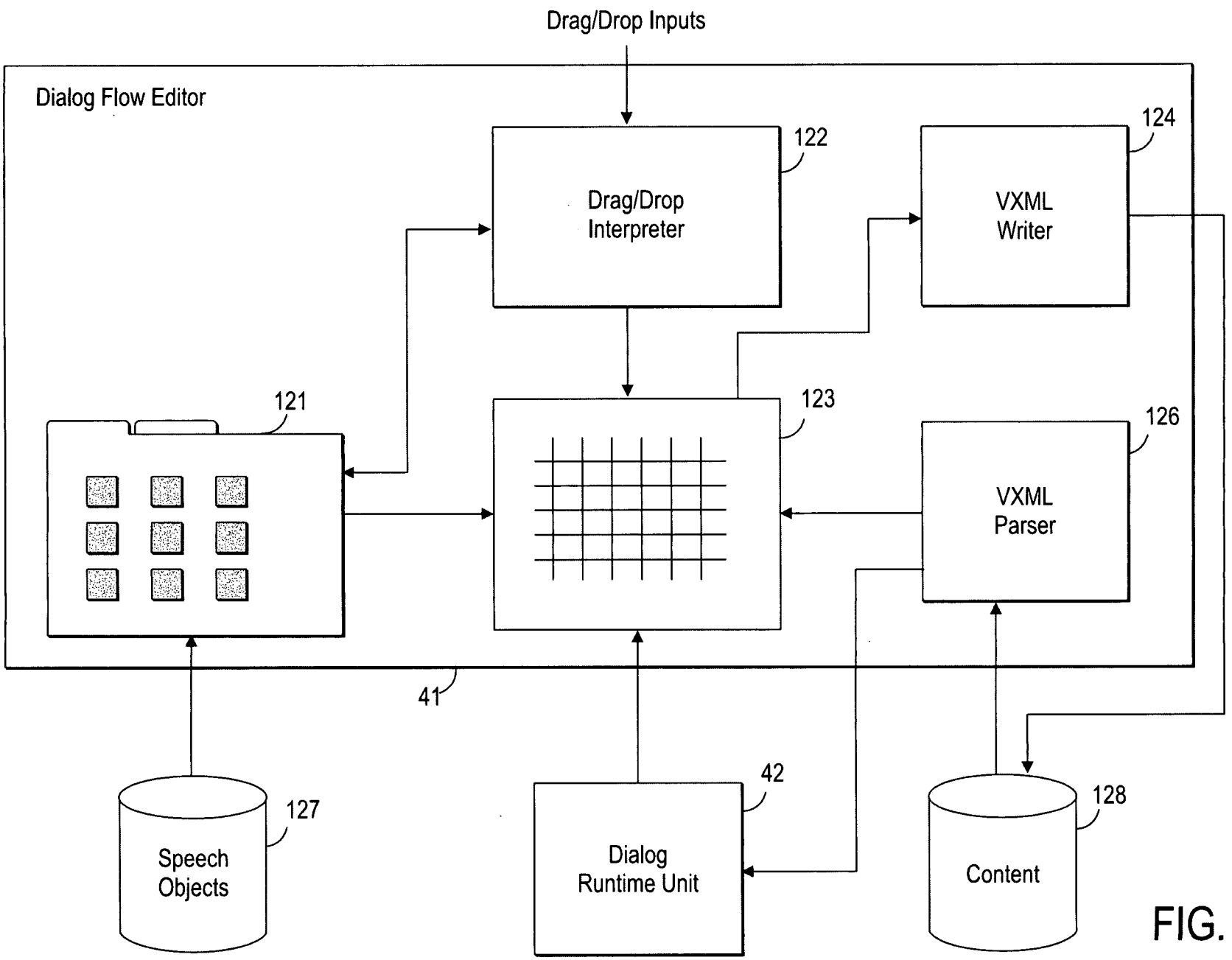
Drag/Drop Inputs
Dialog Flow Editor
122
Drag/Drop
Interpreter
124
VXML
Writer
121
123
126
VXML
Parser
41
42
127
Speech
Objects
Dialog
Runtime Unit
128
Content

FIG. 12

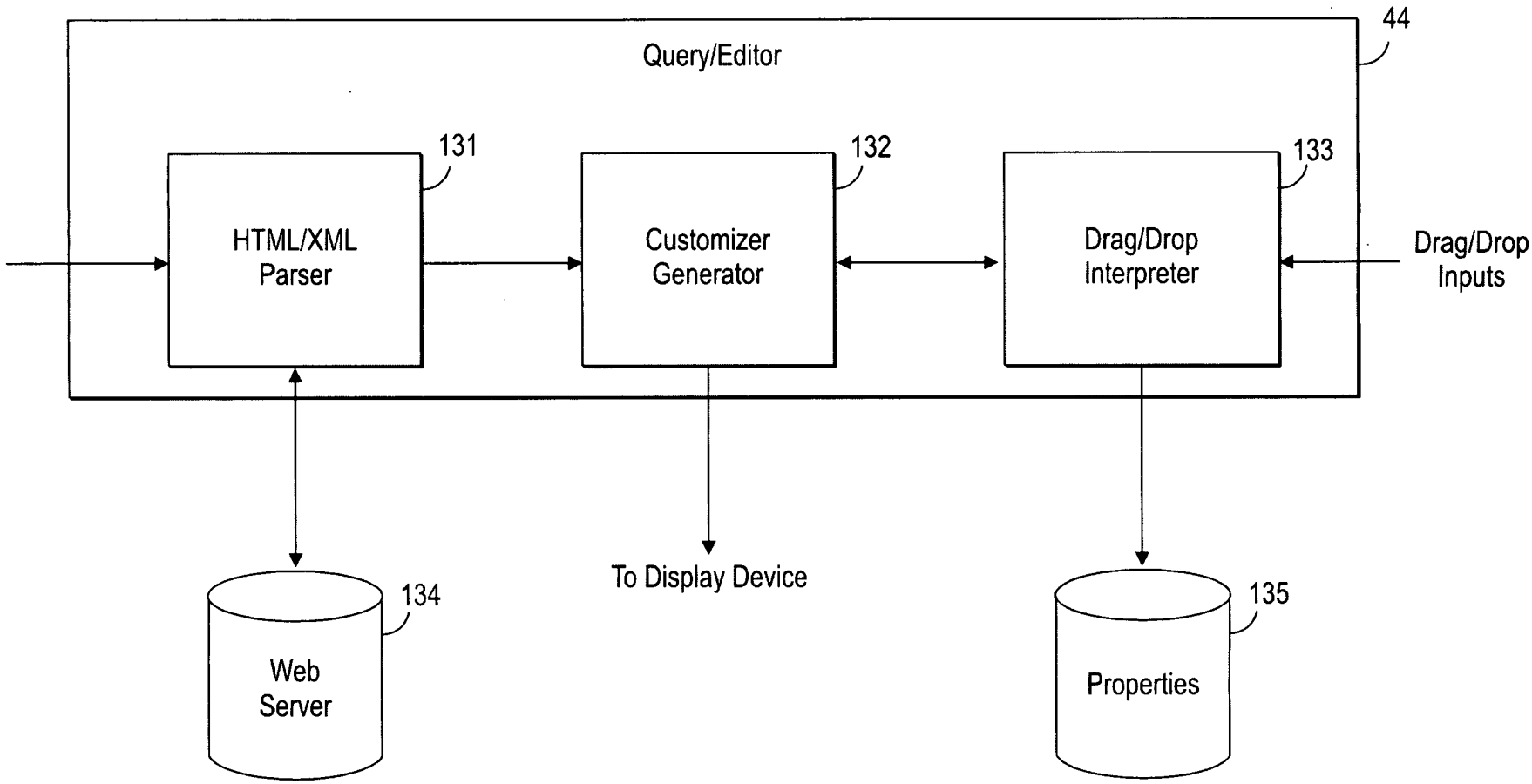
Query/Editor
44
131
132
133
HTML/XML
Parser
Customizer
Generator
Drag/Drop
Interpreter
Drag/Drop
Inputs
To Display Device
134
135
Web
Server
Properties

FIG. 13

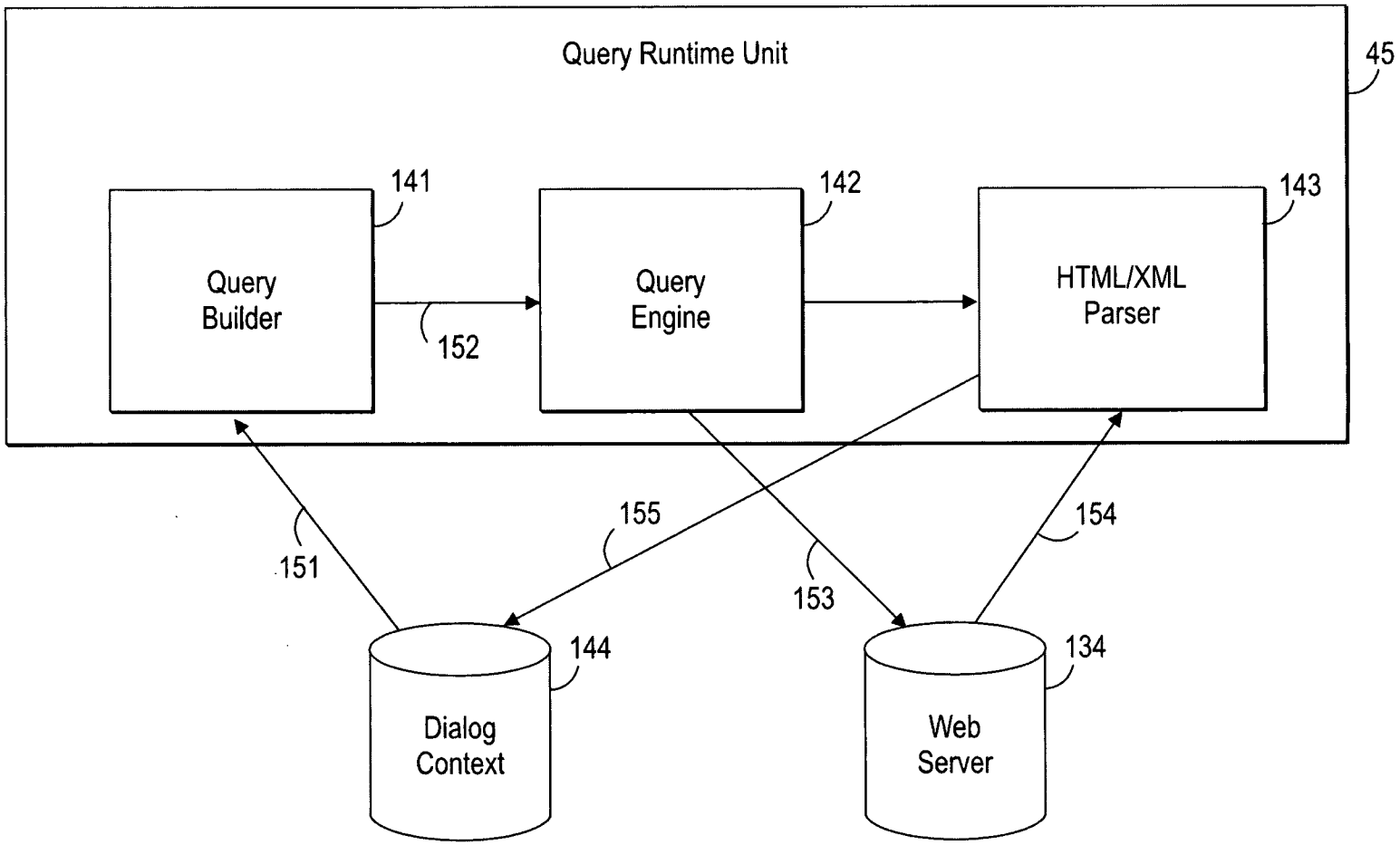
Query Runtime Unit
45
141
142
143
Query Builder
Query Engine
HTML/XML Parser
152
151
155
153
154
144
134
Dialog Context
Web Server

FIG. 14

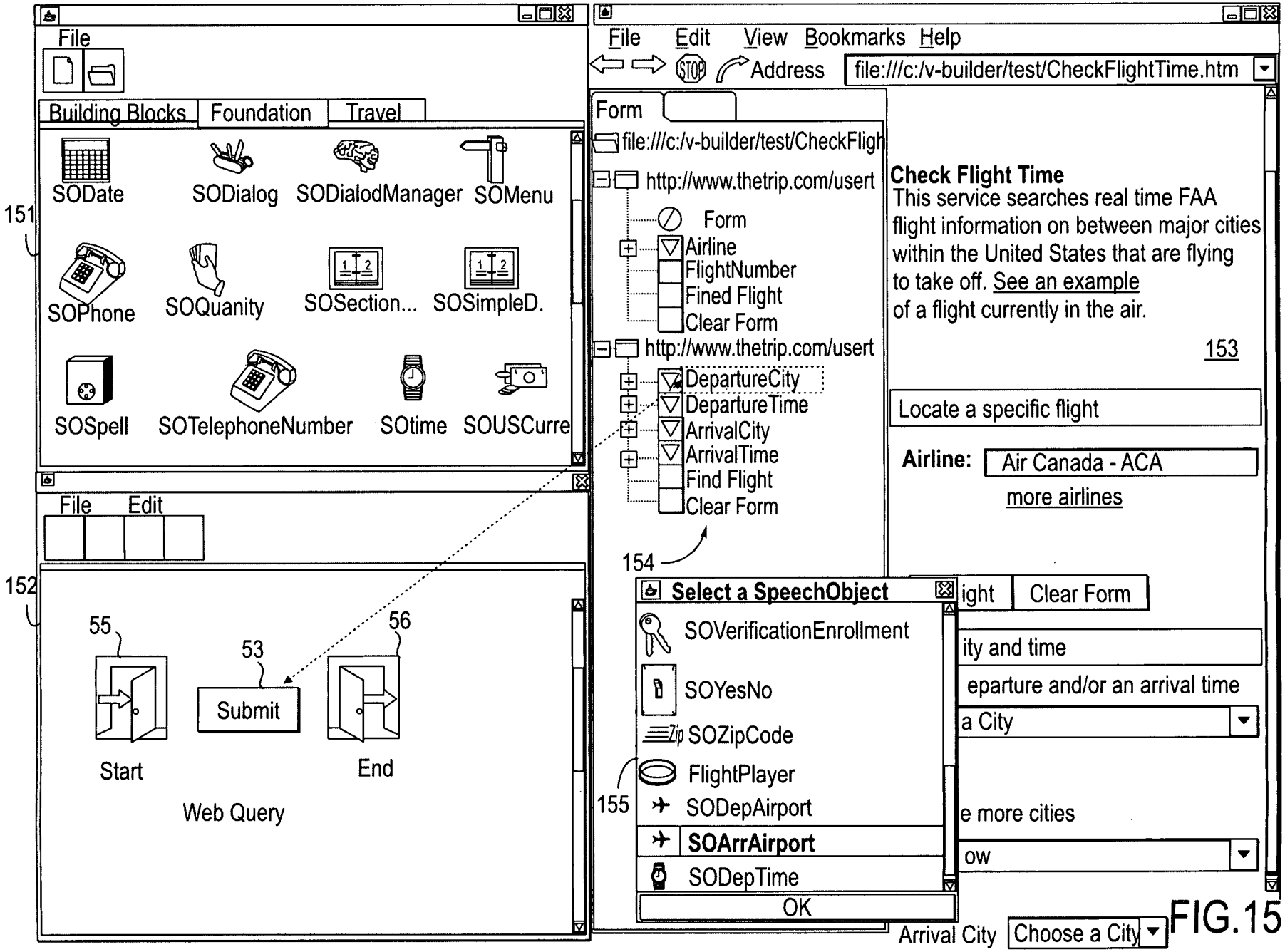
File
Building Blocks
Foundation
Travel
SODate
SODialog
SODialodManager
SOMenu
151
SOPhone
SOQuanity
SOSection...
SOSimpleD.
SOSpell
SOTelephoneNumber
SOtime
SOUSCurre
File
Edit
152
55
53
56
Submit
Start
End
Web Query
File
Edit
View
Bookmarks
Help
Address
file:///c:/v-builder/test/CheckFlightTime.htm
Form
file:///c:/v-builder/test/CheckFligh
http://www.thetrip.com/usert
Form
Airline
FlightNumber
Fined Flight
Clear Form
http://www.thetrip.com/usert
DepartureCity
DepartureTime
ArrivalCity
ArrivalTime
Find Flight
Clear Form
154
Check Flight Time
This service searches real time FAA flight information on between major cities within the United States that are flying to take off. See an example of a flight currently in the air.
153
Locate a specific flight
Airline:
Air Canada - ACA
more airlines
Select a SpeechObject
SOVerificationEnrollment
SOYesNo
SOZipCode
FlightPlayer
155
SODepAirport
SOArrAirport
SODepTime
OK
ight
Clear Form
ity and time
eparture and/or an arrival time
a City
e more cities
ow
Arrival City
Choose a City

FIG.15